(19) World Intellectual Property Organization

International Bureau



A CARACTER DE CONTRACTOR D

(43) International Publication Date 17 February 2005 (17.02.2005)

PCT

(10) International Publication Number WO 2005/014710 A2

(51) International Patent Classification7:

C08L 23/00

(21) International Application Number:

PCT/IB2004/002483

(22) International Filing Date:

26 July 2004 (26.07.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/494,471

12 August 2003 (12.08.2003) US

(71) Applicant (for all designated States except US): BASELL POLIOLEFINE ITALIA S.P.A. [IT/IT]; Via Pergolesi 25, 1-20124 Milano (IT).

(72) Inventors; and

- (75) Inventors/Applicants (for US only): KROTKINE, Gerard [FR/FR]; 26, rue des Gardes Champetres, F-67000 Strasbourg (FR). DANG, Vu, A. [US/US]; 102 Veronica Lane, Bear, DE 19701 (US). DALPIAZ, Michael [US/US]; 2802 Crestline Court, Glen Mills, PA 19342 (US). BUGADA, Daniele, C. [CA/US]; 4 Mars Road, Newark, DE 19711 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

- of inventorship (Rule 4.17(iv)) for US only

Published

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: IRRADIATED BUTENE-1 POLYMER COMPOSITIONS